

ExpertBook B3 | B3405CCA

AI PC, configured for you

Designed to elevate productivity, the ASUS ExpertBook B3 is a flexible AI PC built for today's professionals. Featuring up to Intel® Core™ Ultra processors and dual SO-DIMM slots for up to 64GB DDR5 memory, it's ready for demanding workloads. Stay connected anywhere with optional 5G, and work confidently with advanced security, including Intel vPro®, TPM, and biometric login via fingerprint sensor and IR camera. Its quiet thermal design ensures seamless performance, while the sleek ExpertBook design keeps it professional and portable. Perfectly tailored for smarter workflows—wherever you are.



Intel® Core™
Ultra processor
(Series 2)



Ultralight



16:10
aspect ratio



Dual
SO-DIMM



All-day
battery life



Sustainable
design

AI productivity, unlocked performance

- Up to Intel® Core™ Ultra 7 processor (Series 2) with AI architecture*
- AI ExpertMeet and AI audio/video tools
- Starting weight 1.42kg
- Up to 64GB DDR5 (Dual SO-DIMM)
- Up to 1TB PCIe® 4.0 SSD
- Up to WQXGA high refresh rate (144Hz), 16:10 display
- Full I/O ports including 2 x Thunderbolt™ 4 USB-C*
- Up to 12.5 hours all-day battery life¹

Commercial-grade security and manageability

- Intel vPro® platform
- Microsoft secured-core technologies
- Biometric login with fingerprint sensor, Full HD IR camera*
- Smart card reader*
- ASUS management solutions (ASUS Control Center*, Image Maker*)

Business-level durability and service

- MIL-STD-810H 24 procedures tested
- Up to 3 years of warranty
- ASUS business support services

Sustainable for an incredible future

- World's leading digital product passport
- Compliant with EPEAT Gold Climate+, Energy Star 9.0 (TBC-2025 Q4), TCO 10.0(TBC), FSC Recycled

*OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.

¹ACTUAL BATTERY PERFORMANCE MAY VARY DEPENDING ON PRODUCT CONFIGURATION, USAGE, OPERATIONAL CONDITIONS AND POWER MANAGEMENT SETTINGS. BATTERY LIFE WILL DECREASE OVER THE LIFETIME OF THE BATTERY.

²CERTIFICATIONS ARE STILL UNDER PROGRESS AT TIME OF PUBLISHING THIS DOCUMENT. PLEASE CHECK WITH YOUR ASUS REPRESENTATIVE PRIOR TO SHARING ANY INFORMATION PUBLICLY.

Warranty and Support



3-year onsite service warranty
100% free of charge, with no hidden costs.



1st year perfect warranty
Labor 100% cover by ASUS



3-year accessories warranty
USB Keyboard, USB Mouse

Contact Us

Commercial Support – Contact Us

Self-service:

Phone:

Email:

Commercial Sales – Volume Purchase
Inquiries

Email:

For more information:

SPECIFICATIONS

Model	ExpertBook B3 (B3405CCA)
Operating system	Windows 11 Pro/ Home 64bit Windows 11 Pro Education 64bit Windows 11 pure OS (not for open channel) Win11 PRO 64 bits with Driver WHQL support Without OS
Processor	Intel® Core™ Ultra 7 Processor 155H 1.4 GHz (24MB Cache, up to 4.8 GHz, 16 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 5 Processor 125H 1.2 GHz (18MB Cache, up to 4.5 GHz, 14 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 7 vPro® processor 165H 1.4 GHz (24M Cache, up to 5.0 GHz, 16 cores); Intel® AI Boost NPU Intel® Core™ Ultra 5 vPro® processor 135H 1.7 GHz (18M Cache, up to 4.6 GHz, 14 cores); Intel® AI Boost NPU Intel® Core™ Ultra 7 Processor 255H 2.0 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 13 TOPS Intel® Core™ Ultra 5 Processor 225H 1.7 GHz (18MB Cache, up to 4.9 GHz, 14 cores, 16 Threads); Intel® AI Boost NPU up to 13 TOPS
Graphics	Intel Arc Graphics for Intel Core Ultra with 128-bit (dual channel) memory populated Intel Graphics for Intel Core Ultra with 64-bit memory populated (MTL-H CPU with single-channel memory or MTL-U CPU)
Memory	2 x SO-DIMM, up to 64 GB DDR5 5600 MHz (Configuration up to 1 x 32 GB or 2 x 16GB) SO-DIMM: 8 GB/16 GB/32 GB DDR5 5600 MHz 1 x M.2 2280 SSD, up to 1 TB PCIe 4.0 SSD 128 GB/256 GB/512 GB/1 TB M.2 PCIe® 4.0 Value SSD 512 GB/1 TB M.2 PCIe® 4.0 Performance SSD 512 GB M.2 NVMe SED SSD
Storage	1 x M.2 2230 NVMe PCIe® 4.0, up to 512GB PCIE Gen4 SSD (only in WO/WWAN SKU) 512 GB M.2 PCIe® 4.0 Value SSD Support 512 GB (Value) + 512 GB (Value) Non-RAID/RAID 0/RAID 1
Display	14" WUXGA (1920 x 1200), Value-IPS, 16:10, wide view, anti-glare, 300 nits, 60Hz 14" WQXGA (2560 x 1600), IPS, 16:10, wide view, anti-glare, 400nits, sRGB 100%, 144Hz
I/O ports	2 x Thunderbolt™ 4 USB-C™, support PD3.0 (charge in) PD & DP2.1 (only in w/vPro SKU) / 2 x USB 3.2 Gen2 Type C, full function (only in wo/vPro SKU) / 2 x USB 3.2 Gen1 Type-A (one support BC1.2) / 1 x HDMI 2.1 TMDS / 1 x Combo audio jack / 1 x Kensington® nano lock slot 1 x RJ45 / 1 x Micro SD / 1 x Nano SIM (optional) / 1 x Smart card reader (optional)
Camera	FHD camera, Webcam Shield FHD+IR camera, Webcam Shield
Wireless	WLAN: Wi-Fi 6E (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (intel) WWAN: 4G/LTE RW101R-GL with eSIM & physical nano SIM 5G FM350-GL/FM350R-GL with eSIM & physical nano SIM
Audio	2x Speaker with Dirac technology support 2x Array microphone Support Speech Cognition and Smart AMP ASUS AI Noise-Canceling Technology
Weight	Starting at 1.42kg (WO/WWAN, with 50Whr Battery and 14" 400nits panel)
Dimensions (WxDxH)	315.1*226.8*18.95 mm
Battery	50Wh-3 cell, Li-Polymer / 63Wh-3 cell, Li-Polymer
Security	Kensington® Nano lock slot / Fingerprint sensor (optional) Webcam Shield / TPM 2.0 (dTPM / fTPM) Smart Card Reader (optional)
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel / Backlit (optional) / spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes
Featured software	ASUS Control Center (sold separately) / ASUS Business Manager / MyASUS
AC adapter	65W AC Adapter, USB Type-C Output: 20V DC, 3.25A, 65W / Input: 100-240V AC, 50/60Hz universal
Energy efficiency compliance	EPEAT Gold Climate+ / Energy Star 8.0 / TCO 10.0 / FSC Recycled / WEEE / RSTS / RoHS

DISCLAIMER: SPECIFICATIONS VARY BETWEEN DIFFERENT REGIONS. SERVICE AND WARRANTY COVERAGE DEPEND ON COUNTRY AND TERRITORY AND MAY NOT BE AVAILABLE IN ALL MARKETS.

Warranty and Support



3-year onsite service warranty
100% free of charge, with no hidden costs.



1st year perfect warranty
Labor 100% cover by ASUS



3-year accessories warranty
USB Keyboard, USB Mouse

Contact Us

Commercial Support – Contact Us
Self-service:
Phone:
Email:

Commercial Sales – Volume Purchase
Inquiries
Email:
For more information: